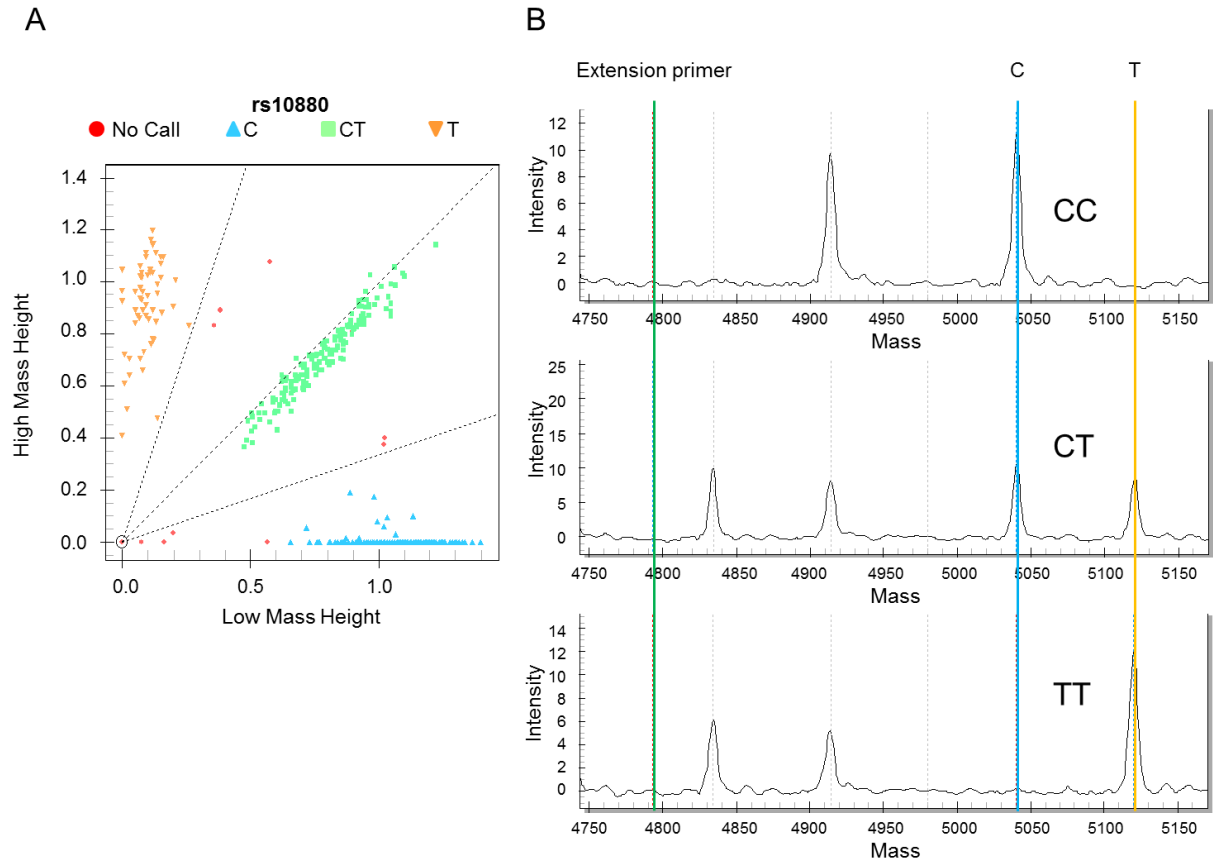


Supplementary Figure 1. Detection of SNP rs28357094 (*SPP1*) by melting curve analysis and Sanger sequencing.

A. Normalized melting peaks for the different genotypes (grey = TT, red = GT and blue = GG) of rs28357094. B. Sequencing electropherograms showing the three genotypes for SNP rs28357094. Homozygous G/G (upper chart), homozygous T/T genotype (middle chart) and heterozygous G/T genotype (lower chart).



Supplementary Figure 2. Detection of SNP rs10880 (*LTBP4*) by mass spectrometry.

A. Separation of the different genotypes (orange = TT, green = CT and blue = CC). The red dots between the clouds were removed from the analysis because of unknown genotype. B. Mass spectrometry peaks shown for 3 different genotypes. A peak at position 5040 indicates a C and a peak at position 5120 marks a T. No residual extension primer could be detected at position 4793. The resulting genotypes are indicated on the spectra.